



PATENTS
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No.: 103544.127US2)

Applicant(s): BRECHER, Jonathan S.
Application No.: 09/502,810 Examiner: Allen, Marianne P.
Filed: February 11, 2000 Group Art Unit: 1631
For: METHOD, SYSTEM AND SOFTWARE FOR DERIVING
CHEMICAL STRUCTURAL INFORMATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

May 10, 2004

Date

Marijke Abbes
Marijke Abbes

TRANSMITTAL LETTER

Commissioner:

Enclosed for filing are the following documents:

- 1.) Information Disclosure Statement;
- 2.) Form PTO-1449, including 16 documents; and
- 3.) Return Postcard.

Please charge any deficiency or credit any overpayment in connection with this matter to Deposit account No. 08-0219.

Date: May 10, 2004

Respectfully submitted,

Mary Joanna Edwards
Mary Joanna Edwards
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PATENT

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INFORMATION DISCLOSURE STATEMENT

Commissioner:

Applicant and his attorney are aware of the following publications and information listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submits these publications for the Examiner's consideration.

Pursuant to 37 C.F.R. §1.97, Applicant hereby makes of record the documents listed on the attached Form PTO-1449.

It is respectfully requested that the information above be expressly considered during the prosecution of this application and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In this regard, it is requested that the Examiner initial and return a copy of the enclosed Form PTO-1449 with the next Patent Office Communication.

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BRECHER

Application No. 09/502,810

This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art. If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

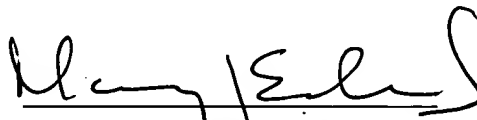
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

This Information Disclosure Statement is being filed after the mailing date of a first Office Action on the merits; therefore, the Commissioner is hereby authorized to charge the required fee of **\$180.00** pursuant to C.F.R. §1.17(p) to Deposit Account No. 08-0219. The Commissioner is also hereby authorized to charge and fees necessary to maintain the pendency of this application to our Deposit Account No. 08-0219.

The Commissioner, however, is hereby authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,

Date: May 10, 2004



Mary Joanna Edwards
Registration No. 55,140
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Subt. Form PTO-1449				Docket Number 103544.127		Application Number 09/502,810	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant BRECHER, Jonathan			
				Filing Date February 11, 2000		Group Art Unit 1631	
Sheet	1	OF	2				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
A1	Ruiz, et al., "Error Detection, Recovery, and Repair in the Translation of Inorganic Nomenclatures. 1. A Study of the Problem", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 36(1), pp. 7-15, (1996)	
A2	Cooke-Fox, et al., "From names to diagrams - by computer", <i>Chemistry in Britain</i> , pp. 467-471 (1985)	
A3	Cooke-Fox, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 1. Introduction and Background to a Grammar-Based Approach", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 29, pp. 101-105 (1989)	
A4	Brecher, "The ChemFinder WebServer: Indexing Chemical Data on the Internet", <i>CHIMIA</i> , Vol. 52, pp. 658-663 (1998)	
A5	Vander Stouw, et al., "Procedures for Converting Systematic Names of Organic Compounds into Atom-Bond Connection Tables", <i>Journal of Chemical Documentation</i> , Vol. 7(3), pp. 165-169 (1967)	
A6	Vander Stouw, et al., "Automated Conversion of Chemical Substances Names to Atom-Bond Connection Tables", <i>Journal of Chemical Documentation</i> , Vol. 14(4), pp. 185-193 (1974)	
A7	Stillwell, "Computer Translation of Systematic Chemical Nomenclature to Structural Formulas - Steroids", <i>Journal of Chemical Documentation</i> , Vol. 13(3), pp. 107-109 (1973)	
A8	Ihlenfeldt, et al., "Augmenting Connectivity Information by Compound Name Parsing: Automatic Assignment of Stereochemistry and Isotope Labeling", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 35, pp. 663-674	
A9	Cooke-Fox, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 2. Development of a Formal Grammar", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 29, pp. 106-112 (1989)	
A10	Cooke-Fox, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 3. Syntax Analysis and Semantic Processing", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 29, pp. 112-118 (1989)	
A11	Cooke-Fox, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 4. Concise Connection Tables to Structure Diagrams", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 30, pp. 122-127 (1990)	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	



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Sheet	2	OF	2		

	B1	Cooke-Fox, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 5. Steroid Nomenclature", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 30, pp. 128-132 (1990)
	B2	Kirby, et al., "Computer Translation of IUPAC Systematic Organic Chemical Nomenclature. 6. (Semi) automatic Name Correction", <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 31, pp. 153-160 (1991)
	B3	Helson, "Structure Diagram Generation", <i>Reviews in Computational Chemistry</i> , Lipkowitz, K.B., Boyd, D.B., Eds.; Wiley-VCH: New York, Vol. 13 Chapter 6, pp. 313-398 (1999)
	B4	ChemInnovation Software, "Chemistry 4-D Draw User's Guide", pp. 1-61 (1997)
	B5	Cambridge Scientific Computing Inc., "Chem3D The Molecular Modeling System", pp. 1-337 (1990)

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